

L12 ANSWER 1 OF 1 JAPIO (C) 2004 JPO on STN  
ACCESSION NUMBER: 1993-007911 JAPIO Full-text  
TITLE: SHAPE ROLLING GUIDANCE SYSTEM  
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PATENT ASSIGNEE(S): NIPPON STEEL CORP  
PATENT INFORMATION:

PATENT NO	KIND	DATE	ERA	MAIN IPC
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JP----	05007911	A	19930119	Heisei B21B-039-14
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APPLICATION INFORMATION

DERWENT FORMAT:	1991JP-0157986	19910628
ORIGINAL:	JP03157986	Heisei
PRIORITY APPLN. INFO.:	1991JP-0157986	19910628
SOURCE:	PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 1993	
INT. PATENT CLASSIF.:		
MAIN:	B21B-039-14	
ADDITIONAL:	B21B-001-08	

ABSTRACT:

PURPOSE: To guide a rolled stock to a roll with high precision, while straightening a camber of the rolled stock by arranging zigzag rollers in the entry of a universal mill, forming the roller being near the mill to a small diameter, and forming the roller of the upstream side to a large diameter. CONSTITUTION: In the entry being near horizontal rolls 3, 3', the upper guidance roller R<SB>1</SB> is placed, and in the separated part in the entry direction of the upper guidance roller R<SB>1</SB>, the lower guidance roller R<SB>2</SB> is placed. In the separated part in the entry direction of the lower guidance roller R<SB>2</SB>, the upper guidance roller R<SB>3</SB> is placed. The upper guidance rollers R<SB>1</SB>, R<SB>3</SB> guide the upper face of a web of a rolled stock 1-1, and the lower guidance roller R<SB>2</SB> guides the lower face of the web of the rolled stock 1-1 and guides the rolled stock 1-1 to the horizontal rolls 3, 3'. A distance L<SB>1</SB> between the axis centers of the guidance rollers R<SB>1</SB> and R<SB>2</SB> is set so as to become larger than a distance L<SB>2</SB> between the axis centers of the guidance rollers R<SB>2</SB> and R<SB>3</SB>. Also, the diameter of the guidance roller R<SB>1</SB> is set so as to become smaller than the diameter of the guidance rollers R<SB>2</SB>, R<SB>3</SB>. COPYRIGHT: (C)1993, JPO&Japio